

Title (en)  
Cryoprobe based on a Peltier module

Title (de)  
Auf einem Peltier-Element basierte Kryosonde

Title (fr)  
Sonde cryogénique à base d'un module Peltier

Publication  
**EP 0840078 A1 19980506 (EN)**

Application  
**EP 97870177 A 19971104**

Priority  
BE 9600928 A 19961104

Abstract (en)  
An apparatus is described which is suitable for thermal treatment of the human or animal skin and underlying tissue, substituting ice frictions, and cold sprays. This cryoprobe is characterised by a Peltier module (22) with a cold and a hot side. An electrical power supply (34) drives the Peltier module (22). The cold side is mounted at a cooling head (23), by which the skin is treated, whereas the hot side is cooled by a heat dissipation element (24) which is itself cooled by a cooling fluid. A temperature sensor (31) in the cooling head (23) allows to control the temperature of treatment. The cryoprobe may be controlled by a micro-controller (30b) or by a personal computer. <IMAGE>

IPC 1-7  
**F25B 21/02**; **A61B 17/36**

IPC 8 full level  
**A61B 18/02** (2006.01); **F25B 21/02** (2006.01); **F25B 25/00** (2006.01)

CPC (source: EP US)  
**A61B 18/02** (2013.01 - EP US); **F25B 21/02** (2013.01 - EP US); **A61B 2018/025** (2013.01 - EP US); **F25B 25/00** (2013.01 - EP US); **F25B 2321/0252** (2013.01 - EP US); **F28F 2270/00** (2013.01 - EP US); **F28F 2275/20** (2013.01 - EP US)

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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0840078 A1 19980506**; **EP 0840078 B1 20030312**; AT E234448 T1 20030315; AT E308727 T1 20051115; BE 1010730 A7 19981201; DE 69719667 D1 20030417; DE 69719667 T2 20031218; DE 69734534 D1 20051208; DE 69734534 T2 20060810; DK 0840078 T3 20030630; DK 1239239 T3 20060320; EP 1239239 A2 20020911; EP 1239239 A3 20040811; EP 1239239 B1 20051102; ES 2195111 T3 20031201; ES 2254597 T3 20060616; SI 0840078 T1 20030831; SI 1239239 T1 20060430; US 6017337 A 20000125

DOCDB simple family (application)

**EP 97870177 A 19971104**; AT 02076513 T 19971104; AT 97870177 T 19971104; BE 9600928 A 19961104; DE 69719667 T 19971104;  
DE 69734534 T 19971104; DK 02076513 T 19971104; DK 97870177 T 19971104; EP 02076513 A 19971104; ES 02076513 T 19971104;  
ES 97870177 T 19971104; SI 9730516 T 19971104; SI 9730724 T 19971104; US 96392197 A 19971104